



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1481.0170000	APPLICATION NO. 09/547,791
APPLICANT Beck et al.	
FILING DATE	GROUP

-					April 12, 2000	2163	P	
				υ. s	. PATENT DOCUMENTS			
EXAMINER INITIAL			UMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1	3,8	08,410	04/1974	Schlesinger	235	156	ECEIVED
	AB1	4,0	15,366	04/1977	Hall, III	47	1	-IVED
	AC1	4,2	18,755	08/1980	Root	364	900 11	1177
	AD1	4,7	66,539	08/1988	Fox	364	4 Technol	2001 Pay Center 2100
	AE1	4,7	84,150	11/1988	Voorhies et al.	128	664	V Cent
	AF1	5,0	63,506	11/1991	Brockwell et al.	364	402	2100
_	AG1	5,1	28,861	07/1992	Kagami et al.	364	403	
	AH1	5,1	28,862	07/1992	Mueller	364	405	
	AI1	5,1	30,925	07/1992	Janes et al.	364	420	
	AJ1	5,1	40,523	08/1992	Frankel et al.	364	420	
	AK1	5,1	68,445	12/1992	Kawashima et al.	364	403	
-	•	•		FORE	IGN PATENT DOCUMENTS			
EXAMINER INITIAL		DOC NUM	UMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL1	4-1	35271	05/1992	Japan	G06F	15/21	Yes No
	AM1							Yes No
	AN1							Yes No
	A01							Yes No
	AP1							Yes No
			OTHER (Inc	luding Autho	r, Title, Date, Pertinen	t Pages, etc.)		
	AR	1	Wall Stre		ortfolio Managers Weather Review, Dealers Digest I			
	AS	1			rson, Loy, <u>Harvard Graph</u> 6, 17, 126-129, 737-747,		ete Refero	ence, Osborne
	АТ	1			rvice Is a Boon To Syste , No. 8, pp. 165, 166, 1			
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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INITIAL			CUMENT MBER	DATE	NAME	CL	ASS	SUB- CLASS	FILING DATE
	AA2	5,1	189,606	02/1993	Burns et al.	36	34	401	TECE
	AB2	5,2	08,665	05/1993	McCalley et al.	35	8	86	CIVE
	AC2	5,2	237,496	08/1993	Kagami et al.	36	4	401	11/1
	AD2	5,2	250,941	10/1993	McGregor et al.	34	.0	825CATO	ON Center 2100
	AE2	5,2	253,165	10/1993	Leiseca et al.	36	4	407	EV Con
	AF2	5,2	253,181	10/1993	Marui et al.	71	.6	17	"Iter 2
	AG2	5,2	283,865	02/1994	Johnson	39	5	161	100
	AH2	5,2	295,069	03/1994	Hersey et al.	36	4	419.17	
	AI2	5,3	309,355	05/1994	Lockwood	36	4	401	
	AJ2	5,4	191,629	02/1996	Fox et al.	36	4	420	
	AK2	5,5	521,813	05/1996	Fox et al.	36	4	401	
				FOREIC	GN PATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT 1BER	DATE	COUNTRY	CL	ASS	SUB- CLASS	TRANSLATION
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	AN2								Ye N
	AO2								Ye N
	AP2								Ye N
			OTHER (Inc	luding Author,	, Title, Date, Pertin	ent Pages,	etc.)		
	AR	<u>2</u>	Processin		e No Computer Has Gon paralleled Performanc r 25, 1991.				
	AS	2			delling Peak Electric , Vol. 11, No. 3, pp.				Sons, Ltd.,
	AT	2		395-447, 1992.	<u>'s Guide</u> , Microsoft C	Corporation	, pp.	22-27, 36	-39, 327-335
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	AA3	5,7	12,985	01/1998	:	Lee et al.	39	5	207///	ED
	AB3	5,79	96,932	08/1998	:	Fox et al.	34	5	326	17 200
	AC3	5,85	55,006	12/1998	:	Huemoeller et al.	70	5	GINOLOGIC	100/
	AD3	6,0	18,640	01/2000		Blackman et al.	39	9	364	2 7 2001 Center 2100
	AE3	6,0	35,285	03/2000	_	Schlect et al.	70	5	30	100
	AF3	6,06	67,525	05/2000		Johnson et al.	70	5	10	
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	AL3									Yes No
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	AN3		· •							Yes No
	A03								:	Yes No
	AP3									Yes No
			OTHER (Inc	luding Author	- ·	Title, Date, Pertinent	Pages,	etc.)		
	AR	<u>3</u>	Promotion	s," Advertisi	ing	, "The After Effects of Research Foundation, I , pp. 11-22, July/Augus	nc., J	ournal	ed Consum of Adver	er tisinq
	AS	<u>3</u>	Patent Ab	stracts of Ja	apa	n, JP 1236396, publishe	ed Sept	ember	21, 1989.	 .
	AT	3	Patent Ab	stracts of Ja	apa	n, JP 1259488, publishe	ed Octo	ber 17	, 1989.	
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	AA3			_			REC	7 2001	
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	AG3							2,00	
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	AN3							Yes No	
	AO3							Yes	
	AP3					 		Yes No	
	I APS			uding lukkan	Title, Date, Pertinent Pag		<u> </u>	NO	
	AR	4			an, JP 2268396, published l		ر . 1990		
	AS	<u>4</u>	Patent Abs	Patent Abstracts of Japan, JP 2299059, published December 11, 1990.					
	АТ	<u>4</u>	Patent Abs	tracts of Jap	an, JP 4077896, published	March 11, 1	 1992	-	
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	AJ3	<u> </u>					_	
	AK3							
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	AL3							Yes No
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	AN3	<u> </u>				<u> </u>	<u></u>	No
	A03							Yes No
	AP3					T		Yes No
			OTHER (Incl	uding Author,	Title, Date, Pertinent Pag	es, etc.)	<u> </u>	
	AR	<u>5</u>			an, JP 4135271, published M		2. –	
	AS	<u>5</u>	Patent Abs	stracts of Jap	an, JP 4353970, published D	ecember 8,	, 1992.	
	AT	<u>5</u>	Patent Abs	stracts of Jap	an, JP 5189406, published J	ruly 30, 19	993. /	
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Beck et al. INFORMATION DISC FILING DATE GROUP 2163 April 12, 2000 U.S. PATENT DOCUMENTS EXAMINER CLASS FILING DATE DATE NAME INITIAL DOCUMENT NUMBER AA3 695 AB3 613 AC3 AD3 613 AE3 415 AF3 503 AG3 ETS AH3 AI3 AJ3 AK3 FOREIGN PATENT DOCUMENTS EXAMINER SUB-TRANSLATION COUNTRY CLASS DOCUMENT DATE INITIAL CLASS NUMBER Yes No AL3 Yes No EMA. Yes AN3 No Yes No AO3 Yes No AP3 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) 615 Patent Abstracts of Japan, JP 6076161, published March 18, 1994. AR <u>6</u> E15 Patent Abstracts of Japan, JP 6149833, published May 31, 1994. AS 6 ETS ΑT <u>6</u> DATE CONSIDERED EXAMINER Feb. 28,2003

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